Yamaha takes home theater receivers to new levels of quality, versatility and convenience.

The RX-V2700BL is the perfect component to build a high performance home theater system around. Both audio and video quality are exceptionally high, thanks to features like 1080p compatible HDMI, high-definition video up-scaling and Pure Direct for the best possible sound. A new circuit isolation layout provides greater rigidity for vibration damping, and the RX-V2700BL has a new special feature: Network Receiver functions. The RX-V1700BL has nearly the same features and performance. Two great choices for the best in home entertainment.

Only Yamaha could set these goals for a home theater receiver — and achieve them!

The RX-Z9 was developed to achieve three ambitious goals: deliver the highest sound quality, provide the highest picture quality, and be the easiest receiver to use. We believe we succeeded in all three areas, but we invite you to judge for yourself — we're confident that the RX-Z9 will totally satisfy your highest expectations for a home theater receiver.

DIGITAL
ToP·ART

Direct access (macro command, learning capable and preset) remote unit (right) and dedicated GUI (Graphical User Interface) remote unit (left)

RX-Z9 9.1-Channel Digital Home Theater Receiver

• 9-channel, 1,290W powerful surround sound (170W x 7 + 50W x 2) • Digital ToP-ART and High Current Amplification • YPAO (Yamaha Parametric Room Acoustic Optimizer) • On-screen display with GUI (Graphical User Interface) and dedicated remote control • 192 kHz/24-bit DACs for all channels • Pure Direct for high quality sound reproduction • Digital component video up conversion (full) • Progressive Scan video output • Faroudja's TrueLife Enhancer • 108MHz/10-bit video D/A conversion • DCDi™ processing • Dolby Pro Logic IIx and DTS 96/24 compatibility • 33 DSP programs • Night Listening moded SILENT CINEMA and Virtual CINEMA DSP • Linear Damping • Digital tone controls • 9-band graphic equalizer • Audio Delay for adjusting lip-sync • 9 Selectable subwoofer crossover frequencies • High grade construction with independent chambers and anti-vibration design • Extra-large toroidal transformer • Extra-large (28,000µF) custom made block electrolytic capacitors • Gold-plated-extruded gigantic speaker terminals • Anti-resonance, Alumite-finish heat sinks • A/V rec out selector with Zone 2 selector • Audio/video custom installation compatibility • NSV (Noise Shaped Video™) • TBC (Time Base Corrector) • Wide-range video bandwidth (100MHz -3dB)

Oil-Damped Hidden Control Panel offers Video Aux terminals with optical digital and S-Video terminals, AV rec out/Zone 2 selector, multi-jog dial with tone controls (digital), Input Select/Multi-Channel Input switches, Straight/Effet switch, optimizer microphone terminal for YPAO, headphone terminal for enjoying SILENT CINEMA, and so on.

RX-Z9 extensive connections

- 7 optical, 4 coaxial digital inputs (fixed and assignable)
- 3 optical digital outputs (fixed and assignable)
- 7 A/V and 4 audio inputs, 3 A/V and 2 audio (audio signal) outputs, and Zone 2 audio outputs
- 6 component video inputs (fixed and assignable) and 2 monitor component video outputs
- 2 monitor (with S-Video) outputs, 7 video inputs/3 video outputs (with S-Video) and Zone 2 video (with S-Video) output
- Pre-main and center couplers, surround, surround back and presence preouts, and subwoofer outputs
- 8-channel external decoder input
- RS-232C interface for touch-panel controller
- Dual programmable control outputs for automatic power on of other components (+12V, 15mA)
- Remote control IR code input/output
- Zone 2 coaxial digital output terminal
- i.LINK (IEEE 1394) digital audio interface
- Pure Direct 2-channel inputs

• For information on Digital Home Theater technology, see page 5–7. • For DSP programs, see page 41. • For specifications, see page 42. ►

DIGITAL ToP·ART

Network Receiver

RX-V2700BL

7.1-Channel Digital Home Theater Receiver

• 7-channel 980W powerful surround sound (140W x 7) • 1080p-compatible HDMI (3 in/1 out) • SimplayHD certified • Full analog video upconversion to HDMI with TBC • Deinterlacing and upscaling (480i to 1080i/720p) • Network Receiver functions (Internet Radio, PC music files, USB portable audio players and flash drives, MusicCAST) • Quad-Field CINEMA DSP with 22 DSP programs • Digital ToP-ART with the finest parts used throughout • Pure Direct for higher fidelity sound reproduction • iPod compatibility via optional Yamaha YDS-10SL • USB flash drive/music player (MP3/WMA/WAV) compatibility • Improved YPAO sound optimization • GUI on-screen display (6 languages: English, French, German, Spanish, Russian and Japanese) • Assignable amplifiers for bi-amp connection • Superior multi-zone control compatibility

Optional YDS-10SL Universal Dock for iPod

• Dimension (W x H x D): 3-1/8" x 1-5/16" x 2-3/4" iPod not included.

Oil-Damped Hidden Control Panel

Direct-access (macro-command, learning and preset capable) remote unit with luminescent buttons (right) and dedicated zone remote unit (left)

DIGITAL ToP·ART

RX-V2600

7.1-Channel Digital Home Theater Receiver

• 7-channel 910W powerful surround sound (130W x 7) • Full analog video upconversion to HDMI with TBC • Deinterlacing and Upscaling (480i to 1080i/720p) • 2 in/1 out HDMI interface • Quad-Field CINEMA DSP with 17 DSP programs, plus 5 THX Select2 programs • Digital ToP-ART with the finest parts used throughout • Pure Direct for higher fidelity sound reproduction • YPAO sound optimization • GUI on-screen display (5 languages: English, French, German, Spanish and Japanese) • Assignable amplifiers for bi-amp connection • Superior multi-zone control compatibility

Direct-access remote unit with illuminated buttons (right) and dedicated zone remote unit (left)

DIGITAL ToP·ART

RX-V1700BL

7.1-Channel Digital Home Theater Receiver

• 7-channel 910W powerful surround sound (130W x 7) • 1080p-compatible HDMI (2 in/1 out) • SimplayHD certified • Full analog video upconversion to HDMI with TBC (Time Base Corrector) • Deinterlacing (480i to 480p) • Quad-Field CINEMA DSP with 22 DSP programs • Digital ToP-ART with the finest parts used throughout • Pure Direct for higher fidelity sound reproduction • iPod compatibility via optional Yamaha YDS-10SL • Improved YPAO sound optimization • On-screen display • Assignable amplifiers for bi-amp connection • Superior multi-zone control compatibility

Optional YDS-10SL Universal Dock for iPod
• iPod not included.

Oil-Damped Hidden Control Panel

Direct-access (macro-command, learning and preset capable) remote unit with luminescent buttons (right) and dedicated zone remote unit (left)

DIGITAL ToP·ART

RX-V861BL

7.1-Channel Digital Home Theater Receiver

• 7-channel 735W powerful surround sound (105W x 7) • 1080p-compatible HDMI (2 in/1 out) • SimplayHD certified • Full analog video upconversion to HDMI with TBC • Deinterlacing and upscaling through HDMI output (480i to 1080i/720p) • 4 SCENE buttons make operation much easier • Quad-Field CINEMA DSP with 17 DSP programs
• Digital ToP-ART with the finest parts used throughout
• Pure Direct for higher fidelity sound reproduction
• iPod compatibility via optional Yamaha YDS-10SL
• Improved YPAO sound optimization • On-screen display
• Assignable amplifiers for bi-amp connection
• Superior multi-zone control compatibility

Optional YDS-10SL Universal Dock for iPod
• iPod not included.

Luminescent preset remote unit with illuminated input indicators

• For information on Digital Home Theater technology, see page 5–7. • For DSP programs, see page 41. • For specifications, see page 42. ►

DIGITAL ToP·ART

Network Receiver

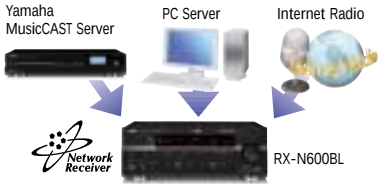
RX-N600BL

6.1-Channel Digital Home Theater Receiver

• 6-channel 570W powerful surround sound (95W x 6)
• Network Receiver functions (Internet Radio, PC music files, USB portable audio players and flash drives, MusicCAST)
• Quad-Field CINEMA DSP with 14 DSP programs • Digital ToP-ART with the finest parts used throughout • Direct Stereo for high quality 2-channel sound reproduction • iPod compatibility via optional Yamaha YDS-10SL • USB flash drive/music player (MP3/WMA/WAV) compatibility
• XM Ready with XM HD Surround • On-screen display • Compressed Music Enhancer
• Component video upconversion • Superior multi-zone control compatibility

Luminescent preset remote unit with illuminated input indicators

Optional YDS-10SL Universal Dock for iPod
• Dimension (W x H x D): 3-1/8" x 1-5/16" x 2-3/4"
iPod not included.



DIGITAL ToP·ART

RX-V661BL

7.1-Channel Digital Home Theater Receiver

• 7-channel 630W powerful surround sound (90W x 7)
• 1080p-compatible HDMI (2 in/1 out) • SimplayHD certified
• 4 SCENE buttons make operation much easier • Quad-Field CINEMA DSP with 17 DSP programs • Digital ToP-ART with the finest parts used throughout • Pure Direct for higher fidelity sound reproduction • iPod compatibility via optional Yamaha YDS-10SL • Improved YPAO sound optimization • XM Ready with XM HD Surround • Full analog video upconversion • On-screen display • Compressed Music Enhancer • Assignable amplifiers for bi-amp connection • Superior multi-zone control compatibility

Luminescent preset remote unit with illuminated input indicators

Optional YDS-10SL Universal Dock for iPod
• iPod not included.

DIGITAL
ToP·ART

RX-V659BL 7.1-Channel Digital Home Theater Receiver

• 7-channel 700W powerful surround sound (100W x 7) • Quad-Field CINEMA DSP with 14 DSP programs • Digital ToP-ART with the finest parts used throughout • Pure Direct for higher fidelity sound reproduction • iPod compatibility via optional Yamaha YDS-10SL • XM ready with XM HD Surround • On-screen display • Compressed Music Enhancer • Component video upconversion • 3 HDTV-compatible component video inputs • Superior multi-zone control compatibility • Luminescent preset remote unit with illuminated input indicators

YPAO optimizer microphone

Optional YDS-10SL Universal Dock for iPod
• iPod not included.

RX-V461BL 5.1-Channel Digital Home Theater Receiver

• 5-channel 500W powerful surround sound (100W x 5) • 4 SCENE buttons make operation much easier • 8 DSP programs • Direct Stereo for high quality 2-channel sound reproduction • iPod compatibility via optional Yamaha YDS-10SL • YPAO sound optimization • XM Ready with XM HD Surround • On-screen display • Compressed Music Enhancer • Front panel mini jack input for portable player connection • 3 HDTV-compatible component video inputs • Luminescent preset remote unit with illuminated input indicators

YPAO optimizer microphone

Optional YDS-10SL Universal Dock for iPod
• iPod not included.

RX-V361BL 5.1-Channel Digital Home Theater Receiver

• 5-channel 500W powerful surround sound (100W x 5) • 4 SCENE buttons make operation much easier • 8 DSP programs • XM Ready with XM HD Surround • Compressed Music Enhancer • Night Listening Enhancer (Cinema/Music) and SILENT CINEMA • Front panel mini jack input for portable player connection • Audio delay for adjusting lip-sync • 192kHz/24-bit DACs for all channels • 3 HDTV-compatible component video inputs • Preset remote unit

• For information on Digital Home Theater technology, see page 5-7. • For DSP programs, see page 41. • For specifications, see page 42. ►

SCENE — For Instant Access Operation

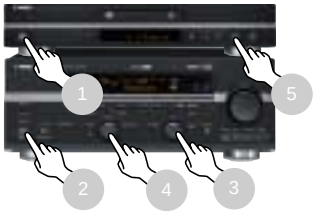
DVD
Viewing
Source: DVD
Surround: STRAIGHT

Disc
Listening
Source: DVD
Surround: STEREO/
7(5)ch STEREO

TV
Viewing
Source: DTV/CBL
Surround: STRAIGHT

Radio
Listening
Source: FM/AM (TUNER)
Surround: MUSIC ENHANCER/
7(5)ch STEREO

< With ordinary receivers >



5 Steps...
Complicated!

1. Turn on DVD Player
2. Turn on AV Receiver
3. Set Input Selector
4. Set Surround Mode
5. Play DVD

< With SCENE >

Just 1 Step!
Much Easier!

1. Press
SCENE Button

*Controllable DVD Player:
Yamaha DVD-S2700BL, DVD-S1700BL, etc.
(via "Remote In" port)

• Only the RX-V861BL and RX-V661BL SCENE buttons can power on source units, and they can only power on Yamaha DVD and CD players. • The RX-V461BL and RX-V361BL SCENE buttons can not turn the receiver power on.

A New Level of Operating Ease Offered on the RX-V861BL, RX-V661BL, RX-V461BL and RX-V361BL.

When using a receiver, a number of operations are necessary in order to hear what you want to hear, and the way you want to hear it. Turning on the power, selecting the source, selecting the DSP mode, beginning play and adjusting the volume. These steps are troublesome, especially for people not familiar with the receiver's functions and buttons. It would be much easier if you could just press one button and hear what you want to hear.

With the these receivers, this is now possible. They offer four SCENE buttons; pressing a button automatically launches a number of operations that initiate play of the source controlled by that SCENE button. The four buttons are provided on the remote control as well.

Initially, the four SCENE buttons are set to default settings for DVD Viewing, Disc Listening, TV Viewing and Radio Listening. Pressing SCENE 4 (radio) for example, would initiate power on, tuner selection, Compressed Music Enhancer mode selection and 7.1- (5.1-) Channel Stereo mode selection.

These default settings can easily be changed to other settings, called Templates. From 13 to 18 different Templates can be chosen. Other Templates include iPod listening, TV sports viewing and action game playing.

In a four-person family, for example, each person can have their own SCENE button. User A may switch his button among DVD viewing choices and music disc listening choices. User B among music disc, radio and iPod. User C among TV and game playing. And user D may only use the TV viewing SCENE. Of course, any user can select any of the Templates at any time.

Operating a receiver has never been this simple, this quick and this convenient.

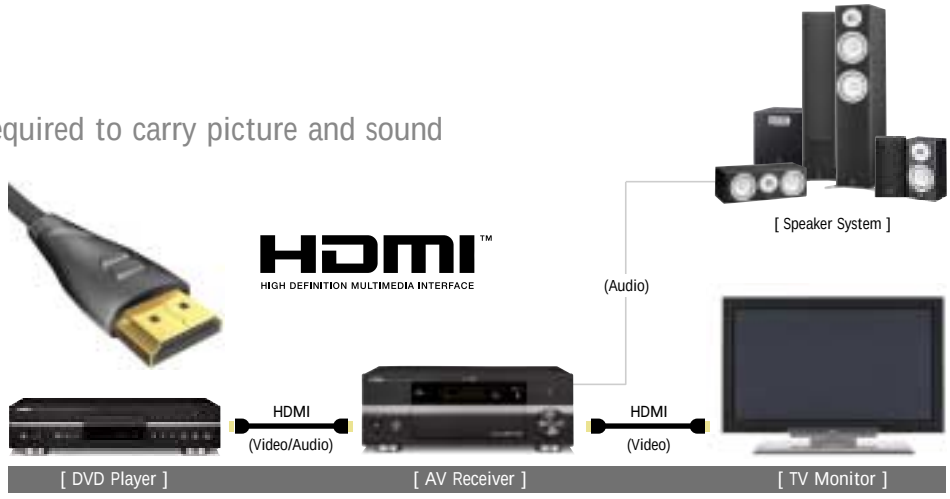
SCENE Templates

Model	RX-V861BL/RX-V661BL	RX-V461BL	RX-V361BL
DVD	DVD Viewing ①	DVD Viewing ①	DVD Viewing ①
	DVD Movie Viewing	DVD Movie Viewing	DVD Movie Viewing
	DVD Live Viewing	DVD Live Viewing	DVD Live Viewing
DVR	DVR Viewing	DVR Viewing	DVR Viewing
DVD-Audio/ Super Audio CD/CD	Disc Hifi Listening	Disc Hifi Listening	
	Music Disc Listening	Music Disc Listening	Music Disc Listening
	Disc Listening ②	Disc Listening ②	Disc Listening ②
CD	CD Hifi Listening	CD Hifi Listening	
	CD Listening	CD Listening	CD Listening
	CD Music Listening	CD Music Listening	CD Music Listening
TUNER/RADIO	Radio Listening ④	Radio Listening ④	Radio Listening ④
	XM Listening	XM Listening	XM Listening
iPod	iPod Listening	iPod Listening	
TV	TV Viewing ③	TV Viewing ③	TV Viewing ③
	TV Sports Viewing	TV Sports Viewing	TV Sports Viewing
GAME	Action Game Playing	Game Playing	Game Playing
	RPG Playing		
LP Record	LP Record Listening		
Template Total	18	16	13

HDMI and Advanced Video Functions

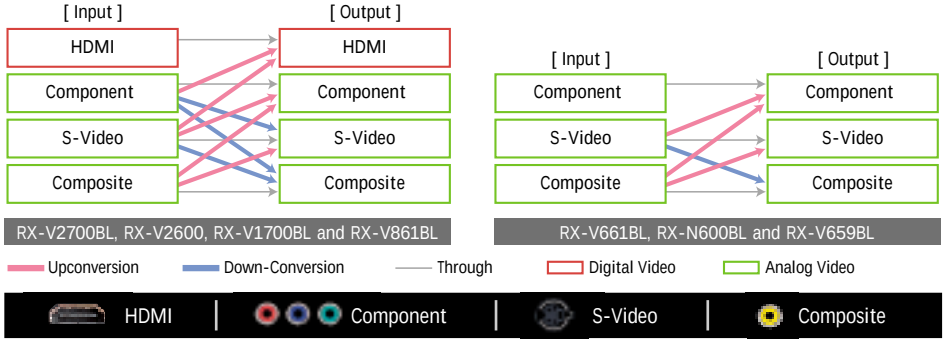
HDMI — Only one cable is required to carry picture and sound

HDMI (High Definition Multimedia Interface) can carry more than one type of media, namely audio and video, in a single digital interface. Yamaha AV Receivers equipped with HDMI provide the most advanced method of delivering high quality video signals to a home theater system to enable the reproduction of DVD and satellite TV sources with HD quality. It can also decode digital audio signals from sources such as DVD-Audio, CD, Dolby Digital and DTS.



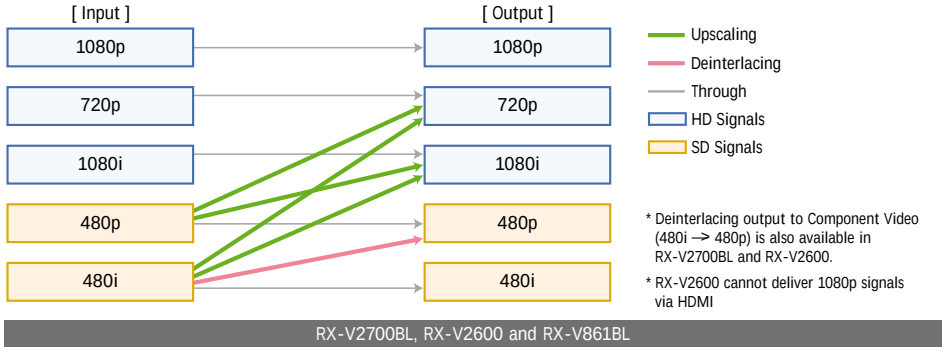
Video Upconversion

This is a function that converts signals from composite (Video) terminals or S-Video terminals to output from higher quality component or HDMI terminals, as shown the right column. This ensures the highest possible picture quality from the AV Receiver to a monitor or TV via a single cable. It also performs Down-Conversion among component, S-Video and composite signals.



High-Definition Video Upscaling (to 1080i/720p) and HDMI Deinterlacing

This is a function that upscales analog composite or S-Video 480i and component 480i or 480p signals to 1080i/720p HD signals so they can be output digitally from an HDMI terminal and viewed at highest quality on high-definition displays. In addition, the analog video signals deinterlaced from 480i to 480p are output at the HDMI terminal.



Comparison of AV Receivers with HDMI

		RX-V2700BL	RX-V2600	RX-V1700BL	RX-V861BL	RX-V661BL
Video	Supporting Resolution	Up to 1080p	Up to 1080i/720p	Up to 1080p	Up to 1080p	Up to 1080p
	HD (1080i/720p) Upscaling	■	■		■	
	HDMI Deinterlacing (480i to 480p)	■	■	■	■	
	Analog Video Upconversion to HDMI	■	■	■	■	
Audio	DSD Signals	■		■	■	■
	DVD-Audio	■	■	■	■	■